

Preface

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Download Website: **www.eebbk.com** 

Notice

Caution! Please read this guide carefully before using this product!

Our E900 has three interface languages, which are simplified Chinese, traditional Chinese and English.

After connecting to computer, please don't delete system files, otherwise it will cause fatal errors for the device.

This device is an electronic product, and is composed of precision components. Therefore, there are some points to note and actions to be avoided when using the device.

▲ This device is a dual-mode input learning tool with a touch screen and keyboard, most functions can be done by touching the screen or pressing the keyboard directly.

In order to help users easily understand, this manual utilizes two types of symbols to differentiate between the device keyboard and illustration.

[] : Represents keys of keyboard.

Such as **[Left/Right]** , it represents the key

“” 、 “” .

[] : Represents keys, identifiers, icons in virtual-keyboard and displayed in screen.

Product Care

Your device is designed to be compact and durable.

However, It is an electronic device and must be treated carefully. Putting unnecessary pressure on it or striking the device against other objects can cause damage.

In order to avoid damage to our device, please:

 Do not drop, crush, bend, or apply excessive force to the device.

 Do not expose your device to moisture, extreme temperatures or other adverse conditions. Avoid storing it in damp, humid or wet places. It is not waterproof.

 Clean the device by wiping it with soft, dry cloth. Do not use harsh chemicals.

 If the device is left unused for a long period of time, the battery may lose its charge. Please recharge the battery in order to use your device.



Plug the provided USB cable into this port and enters into USB interface to connect your device to your PC when your device is turned on.



The battery is built-in the device. (Li-ploymer rechargeable battery. 1300mAH.)

When you see the low battery warning, please recharge your battery.



Please do not adjust the screen too dark or too light.



If items in screen couldn't be selected by clicking it, please enters "System settings→Screen calibration"to calibrate the screen.

Dictionary won't turn on

Pressing the Power button should turn-on the dictionary to the Main Menu. If it does not:

- ✍ Make sure the batteries are fully-charged.
- ✍ If the batteries are fully-charged, use an unfolded paperclip to depress Reset on the back of the Device.

Dictionary turns itself off

- Check battery status.
- Check whether set the Standby Time.

Recorder does not work

- Make sure the memory is enough.
- Check the battery status.

Keyboard does not work

- Use an unfolded paperclip to depress Reset on the back of the device
- Check the battery status.

Click screen to perform functions is failed

- Enters "System Settings"-- "Screen calibration" to calibrate the screen.

LCD Screen is dim or dark

- Check battery status. Please recharge battery if battery is low.
- Adjust it by choosing “System Settings--Brightness”

Open files is failed

- Please check the memory of your device.
- Check the formats of the file.

Pronunciation can't be heard and Mp3 does not play

- Please make sure the earphone is connected to your device.
- The word hasn't pronunciation.
- Check the file format is supported by your device.
- Adjust Volume by choosing “System Settings→Volume”.

Couldn't download

- Please make sure the memory is enough.
- Make certain the USB cable is correctly connected at both ends.
- Please start-up the USB driver again.

E900 fails to connect with computer

✍ Make certain the USB cable is correctly connected at both ends.

✍ If using a secondary USB port on the front of the computer, use a USB port at the back of the computer.

✍ Do not use a USB extension line. Use the supplied USB interface cable.

✍ Install the USB driver.

Recover system

If the E900 system data lost, you must reinstall them by downloading program from www.eebbk.com

Data lost

- Please backup your data in another location!

Under no circumstances shall BBK Electronics Corp.,Ltd be responsible for any loss of data or income or any special, incidental, and consequential or indirect damages howsoever caused.

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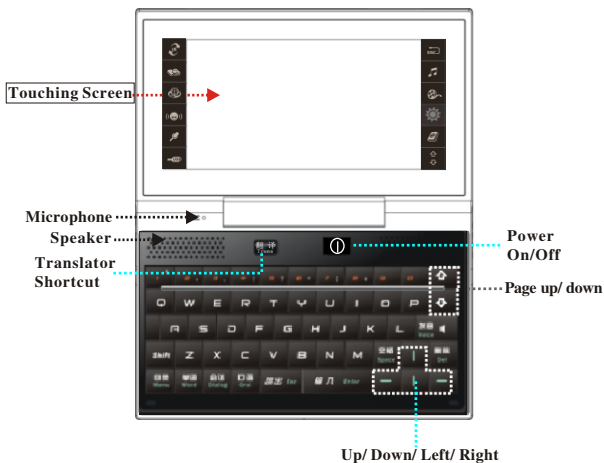


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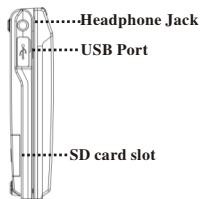
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1、Appearance

1.Front



2. Left



3. Back



2、Functions of 【On/Off】

Turn Off: Press 【On/Off】 more than one second to perform Turn-off function. And the device will not display off-screen after start-up it again.

Resting: Click 【Power On/Off】 when device is turning on less than one second to perform resting function. ① And press 【Power On/Off】 again within one hour will display the off-screen. ② And press 【Power On/Off】 after one hour will not display off-screen after starting up it again.

3、Home Menu

This device is a dual-mode input learning tool with a touch screen and keyboard, most functions can be done by touching the screen or pressing the keyboard directly.



Press **【Up/Down/Left/Right】** to select module.

Press **【Enter】** or tap icon directly to perform corresponding function.

Press **【T】** or click ① to enter into Time interface.

(Please see the “Function Introduction→Time” to learn how.)

Press **【U】** or click ② to enter into USB Connection interface.

(Please see the “Function Introduction→USB Connection” to learn how.)

Press **【S】** or click ③ to enter into System Settings interface.

(Please see the “Function Introduction→System Settings” to learn how)

Press **【C】** or click ④ to switch among Simplified Chinese/ Traditional Chinese/ English.

Press **【V】** or click ⑤ to view copyright information of dictionaries.

Press **【B】** or click ⑥ to see the battery status.

Click ⑦ to view more function modules.

In the ⑧ area, drag icons left or right with touch pen or you fingers to view more function icons,

or press **【Page Up/Down】** to view more function icons.

Press “H” to view Help information.

4. Key guide

Keys	Functions
 输入 Enter	1. Selects an item, confirms an input entry 2. Plays/stops an Mp3 or Mp4 file.
 跳出 Esc	Returns to previous interface.
 目录 Menu	Switches language under “Main Menu”interface. Swithes to “Main Menu”interface under other interfaces.
 单词 Word	Goes to words lookup interface .
 会话 Dialog	Goes to “Multi-language Scenes Conversation”.
 口语 Oral	Goes to “Oral”menu.
 ↑、↓	Pages Up/Down
 ↑、↓、←、→	Up/Down/Left/Right Direction Keys: Moves in the indicated direction.
 删除 Del	Delete: Clears an input field or cancel selected files.
 ?	Help: View Help information.
	Input Method: Selects input method.
 空格 Space	Space: Types a space.

Keys	Functions
	Close: Returns to your previous location.
	Delete: Clears input field.
	Space: Types a space.
	Searches for a translation, performs a calculation, selects an item, plays/stops an Mp3 or Mp4 file, or confirms a deletion.
	Clear: Clears an input field.

This device is a dual-mode input learning tool with a touch screen and keyboard. Takes touch screen input for example.

English input method



Click "A+" to toggle between caps and lowercase input.

It defaults lowercase.

Click ① "Space" to type a space.

Click ② to pop up numeric input.

Click ③ "Del" to delete an input field.

Click ④ "Enter" to go to selected word interface.

Click ⑤ [Input Method] to toggle input methods.

Click Shift+Letters to toggle between caps and lowercase input.

It has Korean/French/German/Spanish/Russian/Thai/Turkish input methods in dictionaries lookup function, and Portuguese/Italian input methods in Mult-language function, these input methods are similar with English input method.

Japanese



Take Japanese Hiragana input for example:

Click ① "Space" to type a space. Click ② to switch to numeric input.

Click ③ "Delete" to clear an input field.

Click ④ "Enter" to go to selected item.

Click ⑤ to view input methods.

Click ⑥ to switch to symbol input.

Click ⑦ to toggle between lowercase and capitalization of Hiragana.

Press 【shift】 or click ⑧ to toggle between Hiragana and Katakana input.

Japanese Syllabary : Hiragana/Katakana

わ	ら	や	ま	は	な	た	さ	か	あ	← 123...	①
を	り	ゆ	み	ひ	に	ち	し	き	い	あーあ	②
ん	る	よ	む	ふ	ぬ	っ	す	く	う	Katakana	
・	れ	・	め	へ	ね	て	せ	け	え	→	
ー	ろ	。	も	ほ	の	と	そ	こ	お	← Syll	

Clicks ① to toggle between caps and lowercase of Hiragana and Katakana.

Example: Clicks **わ** first, then clicks ① to toggle between caps and lowercase. Clicks ② to switch between Hiragana and Katakana.

The difference of Hiragana and Katakana

Hiragana:

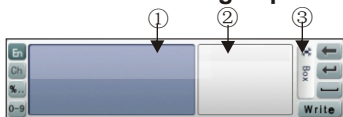
わ	ら	や	ま	は	な	た	さ	か	あ
---	---	---	---	---	---	---	---	---	---

Katakana:

ワ	ラ	ヤ	マ	ハ	ナ	タ	サ	カ	ア
---	---	---	---	---	---	---	---	---	---

Handwriting/Full-Screen Handwriting Input

Handwriting Input
(Takes English handwriting for example)



Handwrite words in ① and the ② area will appear corresponding words.

【EN】: Switches to English input.

【CH】: Switches to Chinese input.

Click 【%. .】 to input symbols.

【0-9】: Switches to Numeric input.

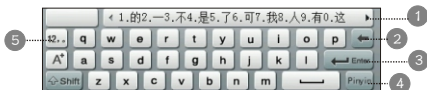
You can write an English word but not only a letter to look up. For example, when you typing “week”, the corresponding words will display.

③ Handwrites in full screen. Tap it to go to Full-screen handwriting status when displaying 【FULL】. Tap it to close Full-screen handwriting status when displaying 【Box】.

Note: You can write in any place of the screen under Full-screen handwriting status. (Except the input box at top of screen and the tool box at bottom of screen.)

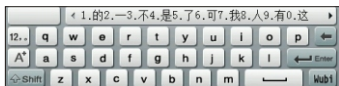
Chinese Input Method

1) Pinyin



Use letter keys to type a Pin-Yin word. What you type appears to the right of the Pin label. Further to the right, the list of corresponding Chinese characters changes as you type. When finished, find the desired Chinese character in the list. If the list is longer than one line, an arrowhead(→) highlights, please click it to move to the next or previous row. When a row contains the desired character, press the corresponding number key to select it. The character then appears in the Chinese input box.

2) Wubi



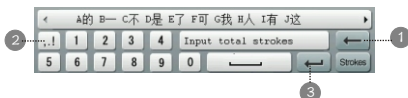
Press Input to choose Wu-Bi as input method. Find the desired Chinese character in the list. If the list is longer than one line, an arrowhead(→) highlights, please clicks it to move to the next or previous row. When a row contains the desired character, press the corresponding number key to select it. The character then appears in the Chinese input box.

3) Radical Input Method



Clicks numeric buttons to input the number of radical→ Click candidate radical or press the key A-J to select radical→Input left number of strokes→Confirm character
Click ① to delete input field, click ② to switch to symbol input.

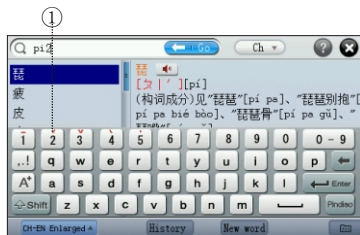
4) Strokes



Click numeric buttons or press number keys to input total strokes of a character. Click candidate character or press key A-J to input corresponding character. Press **【Enter】** or click ③ to confirm. Click ① to delete input field. Click ② to switch to symbol input.

5) Pindiao

The “Contemporary Chinese Dictionary” and “Grand Chinese-English Dictionary” have “Pindiao” input method. When you input Pinyin or Pinyin with its tone, the corresponding Chinese words or phrases will be displayed in list.



Notes: You can input more than two words or any phrases at a time to look up.

Example: When you input Pinyin “yishengyishi”, the Chinese phrase “一生一世” will be displayed in list and highlighted.

Select tone: Example: After inputting “pi”, then input the Tone2 (The number 1,2,3,4,5 represent the Tone1, Tone2, Tone3, Tone4 and Unstressed Tone respectively).

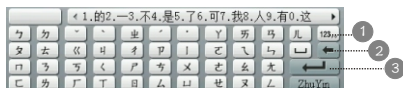
After tapping ①, the displaying list will display corresponding Chinese words.

Symbols



Click [% . . .] to input symbols.

ZhuYin

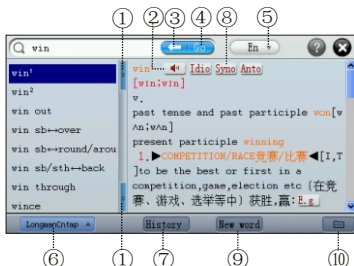


Click ① to switch to symbol input. Click ② to delete input field. Click ③ to confirm.

The device only has ZhuYin input method when its language is set as traditional Chinese.

Dictionary

Longman Dictionary of Contemporary English



1. Ordinary Look-up

1) Goes to Dictionary.

Press [Up/Down] to scroll through the word in the left box. Press [Page up/down] to view definition in right box. Clicks words in left box directly to view its definition.

Clicks ① to browse word in left box up and down.

clicks ② [Voice] to hear word pronunciation.

Clicks ③ [Clear] to clear input field. Press [Del] to delete character to the left of the cursor. After inputting characters, press [Enter] or clicks ④ [Go] to look up this word in other corresponding dictionaries. clicks ⑤ [En] to view English, Chinese, Korean and other languages, clicks them to look up corresponding dictionaries.

clicks ⑥ [Longman Cntmp] to view English dictionary box.

Clicks ⑦ [History] to open a list of recently viewed entries. The history can display 200 recently viewed entries.

Highlight the desired entry, and then press [Enter] or click ④ [Go] to go to full-screen definition interface.

Clicks ⑧ [Properties] to view corresponding properties.

Clicks ⑨ [New] to look over all the new words.

Clicks ⑩ [Input Method] to use Virtual-keyboard or close keyboard.

Clicks or drag [Scroll bar] to view definition; Clicks word in screen to view its definition, and double click word to look up its definition in other corresponding dictionaries.

2. Fuzzy Lookup

Only English dictionaries have the fuzzy search function

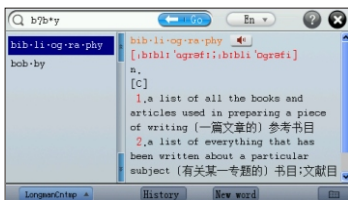
You can use “?” or “*” to represent letters if you cannot make sure how to spell a word. And the corresponding word will appear in selection box.

Note: “?” Represents a character, “*” represents 0 or N characters. The “?” and “*” cannot be placed at the beginning of a word.

Clicks “?” or “*” to represent uncertain letters;

Press [Del] to delete character to the left of the cursor.

Clicks [Clear] to clear input field.



3.Search

(Press [Enter] or tap [Go] to view word definition in full screen after input word.)

Takes win' for example:

Press [Voice] or tap ① to hear word's pronunciation;

Tap ② to view its properties;

Tap ③ to view next group of dictionaries;

Tap ④ to save the word to “New Words”; Tap ⑤ to switch font size;

Tap ⑥ to adjust volume;

Tap ⑦ to hear pronunciation of Chinese definition.

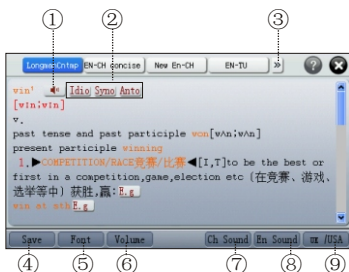
Tap ⑧ to hear pronunciation of English definition.

Tap ⑨ to toggle between British and English pronunciation modes.

Tap or drag [Scroll Bar] to view definition.

Click word in screen to view its definition, and double click word in screen to search it in other dictionaries.

Press [Left/Right] to switch among dictionaries.



4. Corresponding Properties

In word definition interfaces, clicks **E.g** **Usage** **Idiom** **Synonym** **Antonym** and other icons to view corresponding properties.

5. Word-capturing/ Reverse lookup

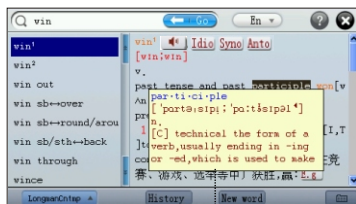
In word definition interfaces, Clicks word in screen to view its definition, and double click word to look up its definition in other corresponding dictionaries.

1) Word-capturing

Clicks word in screen,

① (displaying box) will display definition of this word.

Press **【Voice】** to hear pronunciation of the word displayed in “displaying box”.



2) Reverse lookup

Double clicks word or character displayed in screen, the dictionary box will pop up, press **【Up/Down】** or click desired dictionary directly to look up, you will go to corresponding definition interface. Clicks **【Close】** or **【Esc】** to exit.

6. Display Pinyin (New Eng-Chi and Contemporary Chinese dictionaries have this function.)

Tap ① to view Pinyin at the right of Chinese characters and tap ① to cancel this function.

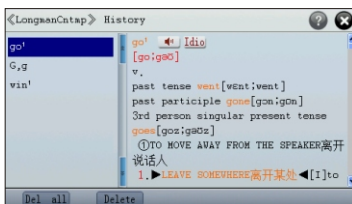


7. History

Clicks [History] to open a list of recently viewed entries. The history can display 200 recently viewed entries at most.

Tap [Del All] : Deletes all words in "History".

Tap [Delete] : Deletes selected word entry.



8. New Words

Tap [New Words] to view saved new-words. It can save no more than 200 words.

Our E900 has built-in Grand English to Chinese Dictionary, Longman Contemporary Dictionary, New English to Chinese Dictionary, Grand Chinese to English Dictionary, Chinese Dictionary and Archaic Chinese Dictionary. It also provides "Chinese, English, Korean, Japanese, French, Russian, Thai, Turkish" and other multi-language dictionaries. The user can download Specialty Dictionaries and other dictionaries from our company website www.eebbk.com. All dictionaries has Word-capturing, Reverse Lookup and other functions.

The usage of these dictionary is similar with Dictionaries→ LongmanCntmp!

Translator

Use the Translator to translate between English and Chinese, and pronounce the translation.

Eng→Chi

1) Breif introduction to English→Chinese.



Press 【Pg Up/Dn】 or tap 【Chi→Eng】 / 【Eng→Chi】 to select translation mode.

Tap ① or press 【Enter】 to translate.

Tap ② to clear input content and translation output.

Display Pinyin for Chinese output.

Tap ③ to display Pinyin.

Tap ④ to toggle between “Word Pronunciation and Sentence Pronunciation”.

Tap ⑥ to hear Chinese pronunciation.

Tap ⑦ to hear English pronunciation.

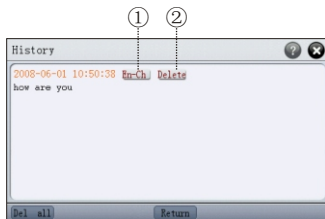
History:

Tap ⑤ to view the input content of translation.

The word in “Output” area has Word-capturing and Reverse Lookup functions.

Tap ⑧ to view Virtual-keyboard.

2)History



Tap ① [Ch→En] to go to translation interface and you can modify in this interface.

Tap ② [Delete] to delete corresponding history.

Tap [Del All] to clear all translation history.

Tap [Return] or press [Esc] to quit current screen.

Words in history have Word-capturing and Reverse Lookup functions.

The function of “Ch→En” is similar with “Eng→Chi”!

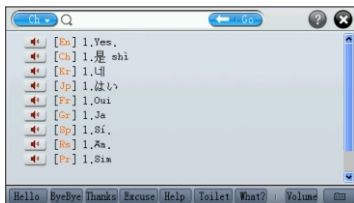
Dialog



1) Dialog list

Clicks ① [Language box] to choose En, Ch, Kr and other languages. Clicks ② [Clear] to clear Input field.

Press [Del] to delete character to the Left of the cursor. Clicks ③ [Go] to search your desired content quickly. Clicks ④ to hear pronunciation of each example sentences. Clicks ⑤ [Volume] to adjust volume. Clicks ⑥ [Pinyin] to pop up the box of input methods. Clicks ⑦ to close or open virtual-keyboard.



2) Goes to content interface of dialog (takes “COMMUNICATION--Phrases--Yes” for example.) Clicks [Voice] button to the left of content to hear pronunciation.

Press direction keys [Left] and [Right] to view previous and next sentence.

3) Content in screen can perform Word-capturing and Reverse lookup functions.

Oral Course

Users can download a lot of teaching materials from our company's website www.eebbk.com.



1) Selects a file

Clicks item or press **[Up/Down]** to select item, then press **[Enter]** or clicks **[Open]** to go to playback screen.

Clicks **[Search]** to view all files in this device and SD card.

Clicks **[Sel All]** to select all files or cancel this operation.

[Delete] To delete selected files.

Clicks **[Rename]** to rename highlighted files.

Clicks **① [Up]** to return to previous screen.

[S] : Searches files.

[A] : Selects all files.

[D] : Deletes files.

[R] : Renames files.

[O] : Open files.



Playback interface

Under playback state, Presses **【B】** or clicks ① A-B(Repeater): clicks it to select start point, then clicks it again to confirm end point and go to playback state.

Presses **【Left】 / 【5】** or ② to rewind: During playback, fast rewind to previous sentence.

Presses **【S】** or clicks ③ to stop: Stops current playback.

Presses **【0】** or clicks ④ to play or pause.

Presses **【Right】 / 【6】** or clicks ⑤ to fast forward: during playback, fast forward to next sentence. ⑥: Set system volume.

Presses **【1】** or clicks **【Repeat(1)】** to repeat current playback sentence. During stop state, clicks it to perform playback function.

Presses **【2】** or clicks **【Follow(2)】** to record sound.

Clicks **【Compare(3)】** or presses **【3】** to end recording.

Presses **【3】** or clicks **【Compare(3)】** to compare voice. After clicking **【Follow(2)】**, clicks **【Compare(3)】** to hear recorded voice repeatedly and clicks **【Compare(3)】** again to cycle through Repeat→ Compare→ Repeat→ Compare...until you press another button to quit. Clicks **【Compare(3)】** to play under stop state.

Clicks **【Compare】** to repeat under pause state.

【T】 or **【Font】** : Toggles through big, middle and small font size.

【A】 or **【Switch】** : Toggles through Chinese, English and Chinese.

【Enter】 : Presses it to repeat under playing state.

【Esc】 : Return to file list screen.

Under stop and pause state, it can perform Reverse lookup and Word-capturing functions.

Under playback mode, pressing C to play under turned-off screen state, and pressing On/Off to turn on screen.

Common Phrases

This module contains Business English, English 900, Japanese 900, Korean 900, French 900, German 900, Spanish 900, Russian 900 and Chinese 300.

Clicks icon to go to corresponding function.



Music

You can listen music and use E-Book together. Mp3 supports the format of .mp3、.wav、.wma.

[P] or ①: Play/Pause.

[S] or ②: Stop playing.

[A] or ③: Play previous file.

[B] or ④: Play next file.

⑤: Choose playing progress.

[V] or ⑥: Adjust volume.

[M] or ⑦: Toggles among "Repeat All" , "Shuffle" , "Normal"  and "Repeat One" .

[L] or ⑧: View song list.

⑨: Selects file. ⑩: Display song name. (11): Display lyric (.lrc).

(12): Display total playing time.

(13): Close.

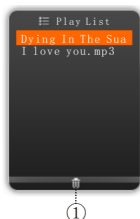


Under playback mode, pressing C to play under turned-off screen state, and pressing On/Off to turn on screen.

Song List

【L】 or ⑧: Goes to song list.

【D】 or ① 【Del】 Delete
selected song.



Movie

Supports files with avi、3GP、MP4、rm、rmvb formats.



①: Selects file (press 【L】 to select file directly.)

【P】 or ②: Play previous file.

【Enter】 or ③: Play/Pause selected file.

④: Stop playing file.

【N】 or ⑤: Play next file.

⑥: Adjust volume.

⑦: Choose playing progress.

【Left/Right】 Fast Rewind/Fast Forward. 【H】 or ⑧: View
help information.

⑨: Return to previous interface.

Under playing state, click screen to toggle between Full-
Screen and Normal playing interface.

Under playback mode, pressing C to play under turned-off screen
state, and pressing On/Off to turn on screen.

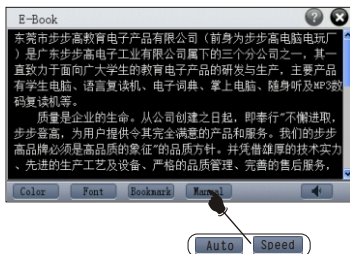
E-Book

1) Tap [Color] to set font color. Tap [Font] to toggle among big, middle and small font size.

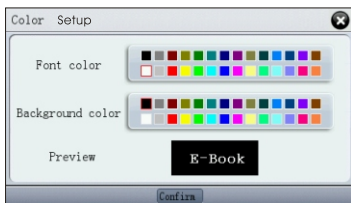
Tap [Bookmark] to go to bookmark manager.

Tap [Manual] to toggle between Manual and Auto modes.

Tap [◀] to hear TTS voice of E-Book. Double click word and phrase in screen to perform Reverse Lookup function. Press [Esc] to exit.



2) Set background color



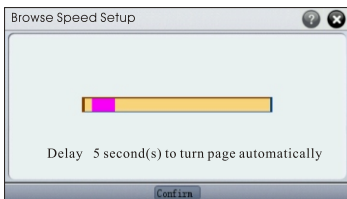
3) Insert Bookmark

After inputting characters or letters, tapping [Enter] or [Save] to save current bookmark. Tap [Clear] to clear input field. Tap [Bookmarks list] to select or delete bookmarks.

Tap [Close] or [Esc] to exit. The maximum bookmarks are nine.



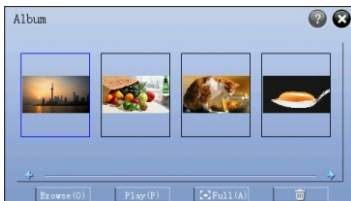
4) Tap progress bar or press direction keys **【Left/Right】** to set Auto look time. Tap **【Confirm】** or **【Enter】** to save setup.



My Album

Photo Album supports .bmp, .jpg formats, and slide displaying mode. Note: The maximum size of picture can be displayed is 4M.

1) Tap picture to view it directly; Press **【O】** or tap **【Browse】** to go to file list to select photo. Press **【P】** or tap **【Play】** to play photos in slide mode. Press **【A】** or tap **【Full】** to display photo in full screen.



Tap **【←, →】** or **【Left/Right】** to view previous or next picture. Tap ① **【Del】** to delete selected picture.

①

2) View pictures. Press **【A】** or tap ① to turn picture 90 degree anticlockwise. Press **【B】** or tap ② to turn picture 90 degree clockwise. Press **【F】** or tap ③ to enlarge pictures. Press **【S】** or tap ④ to reduce pictures. Press **【←, →】** to view previous



or next picture. Tap picture to display it in full-screen.

Recorder

Press **【R】** or tap ① to start recording.

Press **【P】** or tap ② to play/pause file.

Press **【S】** or tap ③ to stop recording or playing.

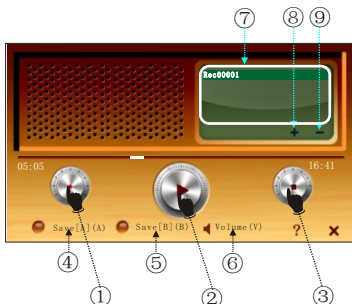
Press **【0】** or tap ⑧ to select file to play.

When playing file, press **【Left/Right】**

to fast rewind or fast forward 10 seconds. Press **【Esc】** to exit.

Tap ④ to save file to A disk.

Tap ⑤ to save file to B disk. Tap ⑥ or press **【V】** to adjust volume. Tap ⑨ or press **【Del】** to delete file in area ⑦.



Calculation

◆◆ Common

Press **+**, **-**, **×**, **÷** to add, subtract, multiply, or divide.

◆◆ Unit Conversion

Press **【H】** to view help information.

◆◆ Scientific

Introductions to functions:

- (1) Four Arithmetic: **+**, **-**, **×**, **÷**
- (2) Extraction calculation: $\sqrt[y]{x}$
- (3) Trigonometric Function: **sin**, **cos**, **tan**, **arcsin** ($\sin^{-1}$), **arccos** ($\cos^{-1}$), **Arctan** ($\tan^{-1}$)
- (4) Hyperbolic Function: **sh**, **ch**, **th**, **arcsh** (sh^{-1}), **arch** (ch^{-1}), **arth** (th^{-1})

- (5) Logarithm Function: $\log$, $\ln$
- (6) Exponential Function: 10^x , e^x
- (7) Power Operation: X^2 , X^3 , X^y , $1/X$
- (8) Store Operation: $M+$, MS , MR , MC
- (9) Factorial Operation: $\sqrt{n}!$
- (10) Pi: π
- (11) The conversion of the degree: $\text{Deg}(\text{angle})$, $\text{Rad}(\text{radian})$, $\text{Gra}(\text{grads})$
- (12) System conversion: $\text{Bin}(\text{binary system})$, $\text{Oct}(\text{octal system})$, $\text{Dec}(\text{decimal system})$, $\text{Hex}(\text{hex system})$
- (13) Boolean Calculation: Or , And , Not , Xor
- (14) Shift Operation: Lsh
- (15) Round Numbers Operation: Int
- (16) Modular Operation: Mod

The following examples are operated in decimal system and degree of angle modes:

Example	Button	Screen Display
$\sqrt{24}$	[2][4][Inv][x^3]	2.88449914062
$\cos^{-1}0.5$	[0][.][5][Inv][cos]	60.
ch45	[4][5][Hyp][cos]	1.746713E+19
$\text{th}^{-1}0.5$	[0][.][5][Inv][Hyp][tan]	0.54930614433
10^3	[1][0][x^3]	1000.
e^2	[2][e^x]	7.38905609893
8^7	[8][x^y][7][=]	2097152.
$\sqrt{252}$	[2][5][2][√x][7][=]	2.20321672694
5!	[5][n!]	120.
11110R1001 (After having converted into binary system.)	[1][1][1][1][OR][1][0][0][1][1][=]	1111

Note:

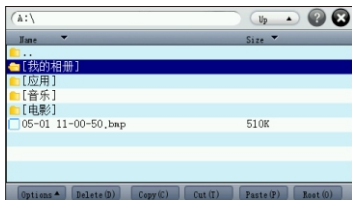
- (1) In the interface of binary and octal systems, if the number and symbol buttons cannot be clicked, which means that these numbers and symbols cannot be selected and used in current operation.
- (2) The Scientific Calculator in this device can only do single-step calculation.

File manager

1) Press **Up/Down** to select. Tap **[A:]** (Home disk) to go to root directory of **[A:]**. If the device had external memory card, it will display **[B:]** (SD card). Click **[B:]** to go to root directory of **[B:]** to view data stored in it.



2) Tap **[Name]** to sort files according to the file name. Tap **[Size]** to sort files according to file size. Tap **[Previous]** to return to previous directory.



Tap "Options", "Delete", "Copy", "Cut" and "Paste" to perform corresponding functions.

Tap **[Root]** to return to root directory.

3) **[D]** : Perform deletion function.

[C] : Perform copy function.

[T] : Perform cut function.

[P] : Perform paste function.

[R] : Return to root directory.



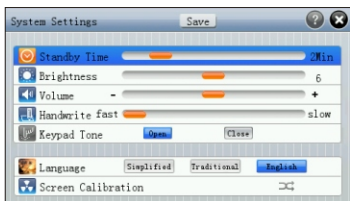
4) Tap rename in
[[Option]]. Tap [[Save]]
to save file name.
Tap [[Cancel]] to quit.



5) Other functions of [[Option]]
Tap [[New Folder]] to set new folder. Tap [[Format]] to
format Micro SD card or memory card.

System Settings

Press [Up/Down] to
select item.
Press [Left/Right]
to set.



1) Standby Time

Example: If you set 5 minutes, the device will shut
off automatically in 5 minutes if you didn't perform any
function of it during these 5 minutes.

2) Screen Calibration

When the stylus cannot click content or icon in
screen precisely, please use this function to calibrate it.

USB connection

When you need to download data, please connect your E900 with computer. If the connection is successful, the device will display following image:

1) Displaying



2) When the computer displaying E900 disk or the  icon at the bottom right of your computer, which shows your E900 is connected to the computer successfully.

Version Info

Contains Version number, Customer Service hotline, Website and other information.

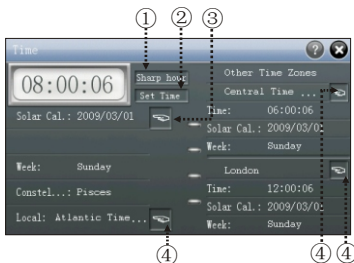
①

Time



Under “Home Screen” interface, clicks ① to go to time setup screen.

1) Go to “Time”.
 Press [S] or tap ① to set time as Sharp.
 Press [T] or tap ② to set time.
 Press [D] or tap ③ to set date.
 Tap ④ to go to the interface of time zone.

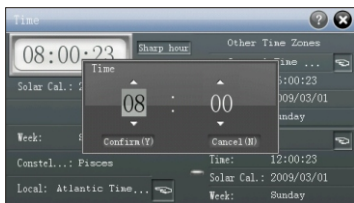


2) Set Time

【Right/Left】: Press it to select item. Press 【Up/Down】 to adjust time. Press 【Y】 to save setup. Press 【N】 to cancel setup.

Tap [△,▽] to adjust

time. Tap [(Y)] to save setup. Tap [(N)] to cancel setup.



3) Set Date

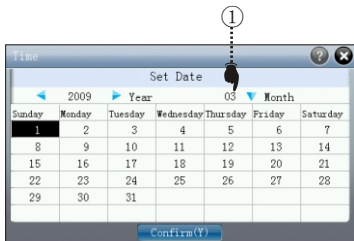
【Left/Right】: Select day. 【Up/Down】: Select month.

【Input】: Save setup.

Tap [◀] to minus one year. Tap [▶] to add one year. Tap ① or [▼]

to select month.

Tap [(Y)] to save setup. 【Esc】: Cancel setup.



Study

◆◆ Phonetic

Users can study the pronunciation, difference and rules between vowel and consonant, speech organs graph and etc.

1) Goes to “Basic Knowledge”.

Click each items to view its content: Click

① to select study module. Click scroll bar to browse content. Click [Close] or press [Esc] to quit.



2) Vowel

Note: The operation method of Vowel is the same with the consonant.

① Vowel list

Press [Up/Down] to select vowels lines up or down.

Press [Pg Up/DN] or

[Left/Right] to view vowels pages up or down.

Clicking the phonetic symbols will show the introduction of pronunciation; Press [M] or tap ② to select study module.

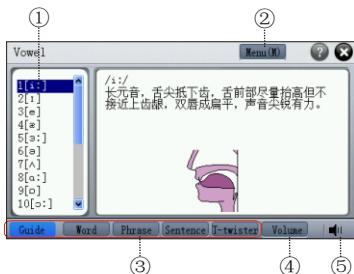
③ Properties box:

Click each property button to view its content;

Click [Voice] to hear pronunciation of current phonetic symbol.

Tap ④ to adjust volume.

Tap ⑤ to hear pronunciation.



◆◆ Word

Select

Selects download textbook and insert important and complex words into “Words for Review”, and the “Words for Review can save no more than 200 words.



Goes to “Select”.

Type word in input box to look up. Press 【Up/Down】 or tap ① to view previous or next word.

Tap 【Book】 to select textbook.

Tap 【Guide】 to view select guides.

Tap 【Font】 to switch font size.

Tap 【Insert】 to save word into “Words for Review”.saving the difficult words

Tap 【③】 to open or close virtual-keyboard.

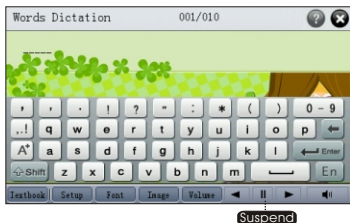
Tap 【Volume】 to adjust volume.

Tap ② to hear word’s pronunciation.

Dictation

1) Goes to “Dictation”.
Spell words according to its pronunciation.
Enters into “Result” automatically after having finished a group of words.

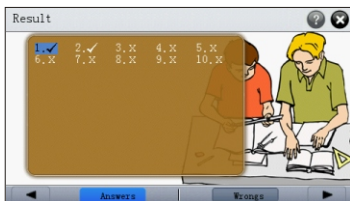
Tap [Pause] to toggle between Pause and Play.



2) Results

Tap [Answers] to view answer status.

Tap [Wrongs] to view wrong answers. Press [Up/Down/Left/Right] to select question numbers. Tap [Previous/Next] to turn to previous or next page.



Memorize

Goes to “Memorize”.

Press [Left/Right] or tap the icon of [Left/Right] to view previous or next word. Click [Textbook] to select textbook.

Click [Setup] to set.

Click [Font] to toggle between font size.

Tap [Image] to set background.

Tap [Volume] to adjust volume.



Selects Textbook

Textbooks can be sorted as four categories:

The “Download File” contains data that downloaded from website.

The “User’s Word-bank” is set up by users themselves, and it can save no more than 200 words.

Words in “New Words” are saved from dictionaries.

Words in “Words for Review” are selected form “Select”, and the “Words for Review” can save no more than 200 words.

Download File:

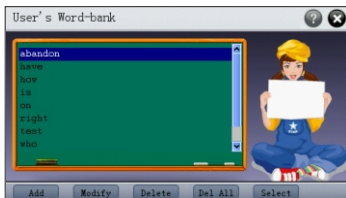
Selects textbook and then press [Enter] or click [Open (O)] to open file and go to “Memorize” function.

New Words: Users can delete words in New Words.

Tap [Set as Textbook] to go to “Memorize” function.

Words for Review: Its operation methods are the same with New Words.

User’s Word-bank



1)Goes to “User’s Word-bank”

Click word entry to view its definition.

Press [Up/Down] to select word and then press [Enter] to view its definition.

[Add] : Add new word.

[Modify] :Modify selected word.

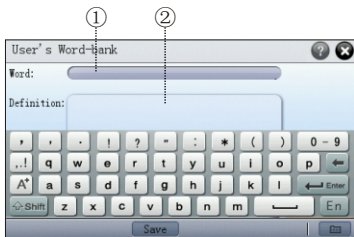
[Delete] :Delete selected word.

[Del All] :Delete all words in User’s word-bank.

[Set as Textbook] :Set it as textbook to memorize words.

2) Tap **[[Add]]** to go to add word.

Input word and its definition, then click **[[Save]]** to save word into “User’s word-bank”. Click ① or ② to toggle between “Input word” and “Input definition”.

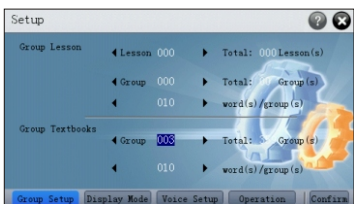


Setup

Tap **[[Setup]]** to set “Memorize” function. Press **[[Up/Down]]** to select item:

Tap **[[Left/Right]]** **[[Left/Right]]** to select value:

Tap **[[Confirm]]** to save setup.



Mode Setup: To set the displaying sequence of word and its definition.

Voice Setup: To set the read method as Read or Spelling+Reading, and the read times.

Operation: To set operation methods as Auto or Manual, and the memorizing sequence and the delay time.

Background Setup

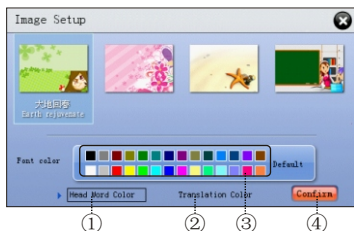
Tap **[[Image]]** to set background.

Press **[[Left/Right]]** to select background image.

Tap ① **[[Word Color]]** and then tap ③ to select color.

Tap ② **[[Translation Color]]** and then tap ③ to select color.

Finally, tap “Confirm” to save setup.



◆◆ English Grammar

Magic grammar contains two parts, one is Morphology, and the other is Syntax.

1) Press **【Left】** to view Morphology.
Press **【Right】** to view Syntax. Press **【Up】** or tap **【Preface】** to view preface information.
Press **【Down】** or tap **【Writer】** to view relevant information.

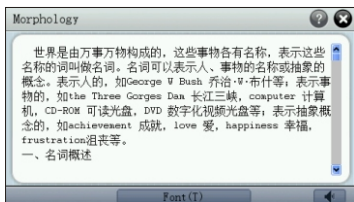


2) **【Up/Down】** : Lines up and down.

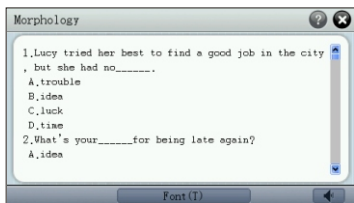
【Left/Right】、**【Page】** : Pages previous and next.
Drag progress bar to view content. Press **【T】** or tap

【Font】 to toggle font size. Press **【Voice】** or tap

【Voice】 to hear pronunciation. Click word in screen to perform word-capturing or reverse lookup function.



3) Goes to “Exercise” item to practice.



◆◆ Pinyin

It provides the studying data of “Pinyin Alphabet”, “Initials”, “Tones” and “Finals”. Its displaying interface has “Repeat”, “Follow”, “Compare”, “Switch”, “Font”, “Select Playing Progress”, “Stop”, “Pause”, “Fast Forward”, “Fast Rewind” and “Voice” functions.

◆◆ Chinese Radicals

It provides “Chinese Terminology”, “Three sinogram verses using free radicals”, “Three sinogram verses using bound radicals” and other studying data. The content interface only has browse function. Press 【Up/Down】 to browse.

◆◆ Menu

Press 【Up/Down】 to select menu, and press 【Enter】 to view menu. Press 【S】 to search menu.

WuBi

金号儿 夕 35Q	人 八 34W	日月用 多 33E	白手 斤 32R	禾 女 31T	竹 文 31I	言文方 广 41Y	立六 户 42U	水水 小 43I	火业小 米 44O	之之 一 45P
正廿七 15A	木 西 14S	丁 14S	生三 雨 13D	王五 11G	目止 上 21H	目止 上 21H	目止 上 21H	川 23K	田四 车 24L	田四 车 24L
多 13D	又 巴 54C	多 巴 55X	女 白 53V	子 耳 52B	子 耳 52B	子 耳 52B	子 耳 52B	山由 门 25M	田四 车 24L	田四 车 24L
11王旁 青头 戈 (兼) 12土 寸雨 13犬 羊 14木 15工 草 头 框 七	21目 具上 止 虎 皮 22日 虫依 23口 根 24田 力 25山 由 贝 框 几	31禾 人立 头并 32白 斤 33月 乃 34里 用 35金 鱼 父 无 氏 无 七	41言 文 42立 辛 43水 旁 兴 头 小 倒 立 44火 业 头 45之 宝 盖 (示) 衣	51已 半 日 满 折 户 心 和 羽 52子 耳 了 也 框 向 上 53女 刀 九 白 山 朝 西 54又 巴 马 55慈 母 无 心 弓 和 力	61言 文 62立 辛 63水 旁 兴 头 小 倒 立 64火 业 头 65之 宝 盖 (示) 衣	71言 文 72立 辛 73水 旁 兴 头 小 倒 立 74火 业 头 75之 宝 盖 (示) 衣	81言 文 82立 辛 83水 旁 兴 头 小 倒 立 84火 业 头 85之 宝 盖 (示) 衣	91言 文 92立 辛 93水 旁 兴 头 小 倒 立 94火 业 头 95之 宝 盖 (示) 衣	01言 文 02立 辛 03水 旁 兴 头 小 倒 立 04火 业 头 05之 宝 盖 (示) 衣	11言 文 12立 辛 13水 旁 兴 头 小 倒 立 14火 业 头 15之 宝 盖 (示) 衣

五笔字型根助记词

Appendix II

Pinyin

Initials

^b ㄅ 玻	^p ㄆ 坡	^m ㄇ 摸	^f ㄈ 拂	^d ㄉ 得	^t ㄊ 特	ⁿ ㄋ 讷	^l ㄌ 勒
^g ㄍ 哥	^k ㄎ 科	^h ㄏ 喝			^j ㄐ 基	^q ㄑ 欺	^x ㄒ 希
^{zh} ㄓ 知	^{ch} ㄔ 蚩	^{sh} ㄕ 诗	^r ㄖ 日		^z ㄗ 资	^c ㄘ 雌	^s ㄙ 思

Finals

	ⁱ ㄧ 衣	^u ㄨ 乌	^ü ㄩ 迂
^a ㄚ 啊	^{ia} ㄧㄚ 呀	^{ua} ㄨㄚ 蛙	
^o ㄛ 喔		^{uo} ㄨㄛ 窝	
^e ㄜ 鹅	^{ie} ㄧㄝ 耶		^{üe} ㄩㄝ 约
^{ai} ㄞ 哀		^{uai} ㄨㄞ 歪	
^{ei} ㄟ 欸		^{uei} ㄨㄟ 威	
^{ao} ㄠ 熬	^{iao} ㄧㄠ 腰		
^{ou} ㄡ 欧	^{iou} ㄧㄡ 忧		
^{an} ㄢ 安	^{ian} ㄧㄢ 烟	^{uan} ㄨㄢ 弯	^{ü an} ㄩㄢ 冤
^{en} ㄣ 恩	ⁱⁿ ㄧㄣ 因	^{uen} ㄨㄣ 温	^{ün} ㄩㄣ 晕
^{ang} ㄤ 昂	^{iang} ㄧㄤ 央	^{uang} ㄨㄤ 汪	
^{eng} ㄥ 亨的韵母	^{ing} ㄧㄥ 英	^{ueng} ㄨㄥ 翁	
^{ong} (ㄨㄥ) 轰的韵母	^{iong} ㄩㄥ 雍		

Appendix III

Japanese Syllabary

Voiceless

あア a	いイ i	うウ u	えエ e	おオ o
かカ ka	きキ ki	くク ku	けケ ke	こコ ko
さサ sa	しシ shi	すス su	せセ se	そソ so
たタ ta	ちチ chi	つツ tsu	てテ te	とト to
なナ na	にニ ni	ぬヌ nu	ねネ ne	のノ no
はハ ha	ひヒ hi	ふフ fu	へヘ he	ほホ ho
まマ ma	みミ mi	むム mu	めメ me	もモ mo
やヤ ya	(いイ) i	ゆユ yu	(えエ) e	よヨ yo
らラ ra	りリ ri	るル ru	れレ re	ろロ ro
わワ wa	(いイ) i	(うウ) u	(えエ) e	(をヲ) wo

Voiced and Semi-voiced

がガ ga	ぎギ gi	ぐグ gu	げゲ ge	ごゴ go
ざザ za	じジ ji	ずズ zu	ぜゼ ze	ぞゾ zo
だダ da	ぢヂ dji	づヅ dzu	でデ de	どド do
ばバ ba	びビ bi	ぶブ bu	べベ be	ぼボ bo
ぱパ pa	ぴピ pi	ぷプ pu	ぺペ pe	ぽポ po

Yōon

きゃ キヤ kya	しゃ シャ sha	ちゃ チャ cha	にゃ ニヤ nya	ひゃ ヒヤhya	みゃ ミヤmya	りゃ リヤrya	ぎゃ ギヤ gya	じゃ ジャja	びゃ ビヤ bya	ぴゃ ピヤ pya
きゅ キュ kyu	しゅ シュ shu	ちゅ チュ chu	にゅ ニュ nyu	ひゅ ヒュ hyu	みゅ ミュmyu	りゅ リュryu	ぎゅ ギュ gyu	じゅ ジュju	びゅ ビュ byu	ぴゅ ピュ pyu
ぎょ キョ kyo	しょ ショ sho	ちょ チョcho	にょ ニョnyo	ひょ ヒョhyo	みょ ミョmyo	りょ リョryo	ぎょ ギョ gyo	じょ ジョjo	びょ ビョ byo	ぴょ ピョ pyo

Specifications

Model No.: Global Translator E900
Battery: 1300mAh Li-polymer rechargeable battery
LCD: 480×272 pixels
FLASH: 2GB
Keyboard: 54 Keys
Size: 138×90×19.5mm
Byte Database: Consistent with GB2312
Font: Consistent with GB5199

You can find after service information in your warranty card.

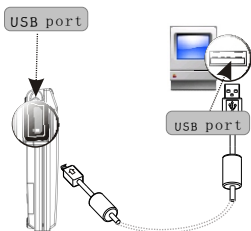
Customer Service Hotline : 4007-000-111

Website: <http://www.eebbk.com>

E-mail: service@gdbbk.com

Battery and Recharge Method

The battery used for the E900 are Li-polymer. The battery are built-in products. When you see the low battery warning, please recharge your battery.



Follow these instructions to recharge the battery.

1. Find the USB cable or AC adapter included with your device.
2. Plug the wide end of the USB cable into a USB port on your PC and the smaller end of the USB cable into the USB port on your device.

If you are using the AC adapter,

plug one end into a power source and the USB end into the USB port on your device.

The battery icon is displayed with the power bars filling the battery from left to right. When battery is completely charged, the battery icon will stay solid.

Notes:

Charger's output voltage: DC5V ; above 800mA

It generally takes about 6 to 7 hours to completely recharge the battery.

To activate battery, it requires approximately 12 hours of charging when you recharge it at the first, second and third time. Thereafter, you only need 6 to 7 hours to recharge it.

The battery icon is displayed with the power bars filling the battery from left to right. When battery is completely charged, the battery icon will stay solid. Tap battery icon to view battery status.

Battery Specification:

Rated capacity: 1300mAh

Standard Voltage: 3.7V

Upper limitation: 4.2V